# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 15 Aug 2023 until 23:59 on Wednesday 16 Aug 2023

Forecast Issued on Tuesday 15 Aug 2023 at 00:27

**Confidence:** High confidence for a spell of drier weather this week, but some uncertainty regarding extent of showers and overnight fog. Low confidence for heavy rain details Friday night into Saturday.

**Headline for Tuesday 15 Aug 2023:** Sunny spells and a few showers, locally heavy.

**Mountain weather hazards on Tuesday 15 Aug 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>High Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Fog | Sunny intervals | Light rain showers | Light rain showers | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | |
| <05% | 10% | 30% | 30% | 20% | 10% |

**Forecast for Tuesday 15 Aug 2023**

**Weather:** Early low cloud lifting and breaking up through the morning to give sunny spells. A few showers are possible from late morning, with perhaps the odd heavier burst in the afternoon. Showers dying away in the evening, with skies becoming increasingly clear.

**Chance of cloud-free hill tops above 600m:** 40%, increasing to around 90% by mid-morning.

**Low Cloud and visibility:** Areas of cloud with bases 300-500m lifting and breaking by mid-morning. Cloud then mostly above the hills, although perhaps touching higher summits in any heavy showers. Visibility mostly good to very good but moderate to poor in showers and very poor in early low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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# Met Office Mountain Weather Forecast

**Forecast for Tuesday 15 Aug 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/15 SW | 12/16 W | 12/17 W | 12/17 SW | 10/15 W | 7/13 W | 6/9 SW |
| **300** | 4/11 SW | 8/15 W | 10/16 W | 10/17 SW | 9/16 W | 5/12 W | 3/8 W |
| **Valley** | 3/8 W | 6/11 W | 9/16 SW | 10/16 SW | 7/14 SW | 2/8 W | 1/5 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/9 | 12/10 | 13/11 | 14/11 | 12/11 | 11/10 | 11/10 |
| **300** | 13/12 | 15/14 | 16/15 | 16/14 | 15/13 | 13/12 | 12/12 |
| **Valley** | 14/14 | 16/16 | 17/16 | 18/16 | 16/15 | 14/14 | 13/13 |
| **Freezing Level*** | 2400m | 2400m | 2400m | 2400m | 2400m | 2300m | 2300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Moderate to high levels of UV expected, so sun protection is recommended. Maximum temperatures are likely to be a couple of degrees higher than shown.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Tue 15 Aug 2023 | 19.6mm | 26.4mm | 36.4mm |

**Forecast for Wednesday 16 Aug 2023**

**Weather:** Some patches of mist, fog and low cloud forming during the early hours. These lifting and clearing on Wednesday morning to leave a largely dry day with sunny spells and light winds, although the odd light shower is possible during the late morning and afternoon. Rather warm.

**Maximum wind:** Westerly 5-10mph.

**Chance of cloud-free hill tops above 600m:** Generally >90%, but 30% during the early morning as low cloud and fog lifts and clears.

**Low Cloud and visibility:** Patchy cloud 400-500m and valley fog lifting and clearing above the summits through the early morning. Visibility generally good to very good, but moderate in any showers and poor to very poor visibility in early morning fog patches and low cloud covering the hills.

**Temperature:** **Valleys:** 11 deg C becoming 20 deg C.
**At 600m:** 10 deg C becoming 14 deg C.
**Freezing level:** Above summits.

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